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	•		CLASSIFIED MESS	SAGE	ROUTIN	IG .		
ORIG : UNIT : EXT :	NPIC/PSG/R&RD	/DAS	TOP SECRET	3	5 6		25×	
TO : FROM: CONF:	SAC, ACIC, FTD, YOKOTA, AHS, 5 NPIC	USAFE, PACAF, ARMY 44ARTW OFFUTT, SSC	DIA, NAVY, TOPOCO HAWAII, FICEUR,	OPCEN	1970 Line 18	PRIORITY  DPERATIONAL IMMEDIATE	2 Z INITIALS INITIALS 25X	
то	TOP SECRET.	INFO		PIC 817!	ITE	Л6953;	2 25X1	
SUBJECT: CAMERA INFORMATION FOR MISSION 1109-1.  1. THE MISSION UTILIZED TWO PAN CAMERAS, FOUR HORIZON CAMERAS, DUAL  STELLAR CAMERAS AND AN INDEX CAMERA.  2. CAMERA DATA  A. MAIN UNITS								
		FOCAL LENGTHS (M FWD AFT FILTERS	M) PAN CAMERAS 609.582 609.597	PORT HORIZONS 55.234 55.098	STBD HORIZO 55.118 55.131	ONS		

PAN FWD PRIMARY W-25
PAN FWD ALTERNATE W-23A
PAN AFT PRIMARY W-23A
PAN AFT ALTERNATE W-25
FWD STBD HORIZON W-25

FWD PART HORIZON W-25

AFT STBD HORIZON W-25

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•	CLASSIFIED MESSAGE ROUTING	
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то	INFO CITE  FILTERS (CONTINUED)	
	AFT PORT HORIZON W-25	
	APERTURE	
	STBD HORIZON F/8	
	PORT HORIZON F/8	
	FILM	
	FWD 3404	
	AFT 3404	
	DYNAMIC RESOLUTION	
	AFT HIGH CONTRAST 271	
	AFT LOW CONTRAST 164	
	UNIT NUMBER FWD 321 AFT 320	
	B. DISIC UNIT NO. 9  PORT STELLAR STBD STELLAR INDEX	
	FOCAL LENGTHS (MM) 75.852 75.797 76.351  COORDINATING OFFICERS	

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то				INFO						CITE					
		В.	DISIC U	NIT NO. 9	(CONTI										
						PO	RT ST	TELLAR	STB	D STELL	<b>A</b> R	INDEX			
			FILTER	(WRATTEN			NON	3		NONE		W-12			
			EXPOSUR	E (SEC)			1.5			1.5		1/500			
			FILM				340	l		3401		3400			
	3.	LENS	DISTORT	ION (PIN	CUSHION	) (1	MM)								
		Α.	MAIN UN	ITS											
			ANGLE O	FF AXIS (	DEG)	3	2	1	0	359	358	357			
			FWD			2	1	0	0	0	0	1			
			AFT			1	0	0	0	0	1	1			
		В.	HORIZON	CAMERA D	ISTORTI	ON									
					FWD P	ORT	F	WD STB	D	AFT POR	Т	AFT STBD			
			RADIAL	10 DEG	.02			.02		.00		.01			
				20 DEG	.05			.05		.02		.05			
			TANGENT	IAL	.02			.02		.03		.027			
	4.	CAME	RA ANGLE	S											
		Α.	ANGLE 3	ETWEEN PA	N CAMER				38 MI	IN 39	.65 SI	EC .			

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	CLASSIFIED MESSAGE		R	OUTING	
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INFO:					

INFO

# B. DEPRESSION AGNLES BETWEEN HORIZONS AND PAN CAMERAS

FWD PORT	14 DEG	26 MIN	18.66 SEC
FWD STBD	13 DEG	28 MIN	21.74 SEC
AFT PORT	11 DEG	29 MIN	16.40 SEC
AFT STBD	14 DEG	25 MIN	36.71 SEC

## C. ANGLES STELLAR AND INDEX CAMERA

STBD	STELLAR	AND	INDEX	99 DEG	43 MIN	19 SE	C
PORT	STELLAR	AND	INDEX	100 DEG	01 MIN	52 SI	EC.

#### 5. TIMING MARKS

TO

FREQUENCY MARKS WILL APPEAR ON THE FILM AT A RATE OF 200 CYCLES PER SECOND.

## 6. IMAGE MOTION COMPENSATION DATA

PASSES	REF LEVEL	AMP LEVEL
1D	3	18
3D	8	14
4D THRU 9D, 32 D THR	υ <sup>5</sup>	12
3 <b>9D</b>	OCCUPATING OFFICERS	

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·	CLASSIFIED MESSAGE		RO	DUTING	
ORIG: UNIT: EXT: DATE:	TOP SECRET	1 2 3		5 6	
то :					
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CONF:		E D E N C E	ROUTINE	OPERATIONAL IMMEDIATE	INITIALS
INFO:					
TO	INFO		CITE		

IMAGE MOTION COMPENSATION DATA (CONTINUED)

PASSES	REF LEVEL	AMP LEVEL
16D THRU 24D	6	12
40D THRU 79D	5	13
86D, 87D	6	14
88D THRU 102D	5	8
105D, 106D	6	8

### NOTE:

FOR ALL PASSES PRIMARY PERIOD 3901 SECONDS, SECONDARY PERIOD 2620, SECONDARY RAMP FACTOR 0.049900

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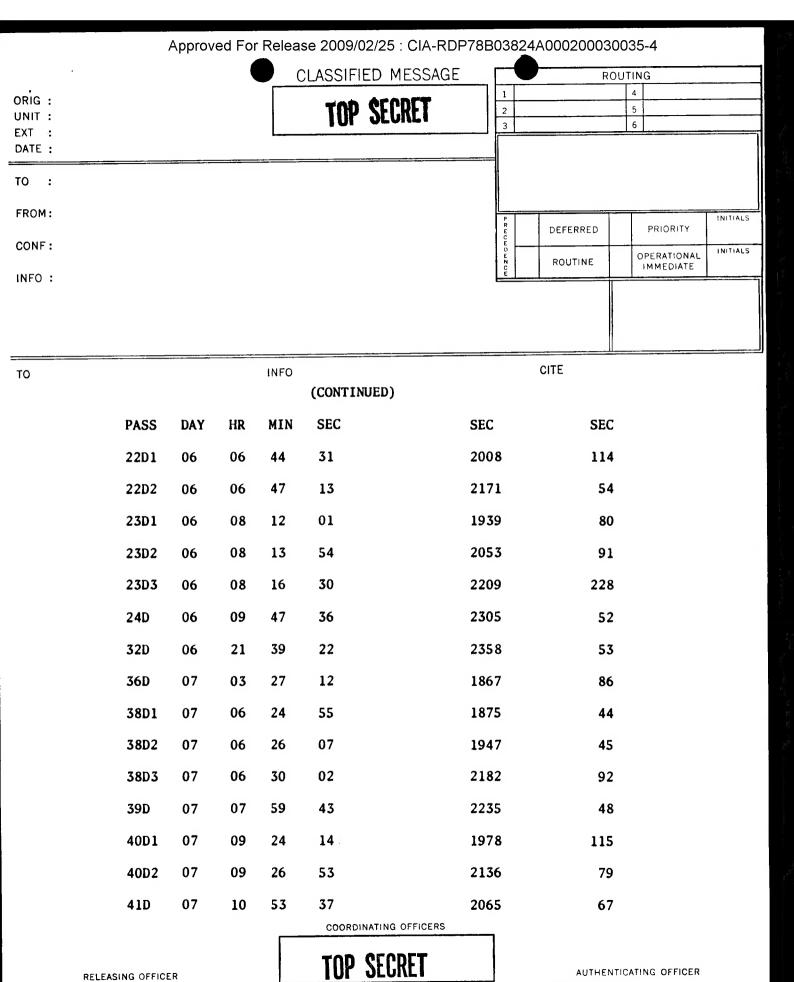
TO INFO CITE

7.	PROGRA	M TIME CAMERA ZULU		TIME		PROGRAM ON UP RAMP	TIME	PROGRAM DURATION
	PASS	DAY	HR	MIN	SEC	SEC		SEC
	1D	04	23	41	32	<b>147</b> 7		36
	3D	05	02	37	35	1704		79
	4D	05	04	04	26	1600		101
	5D1	05	05	33	07	1748		186
	5D2	05	05	41	01	2223		56
	6D1	05	07	00	56	1689		257
	6D2	05	07	06	36	2029		79
	7D1	05	08	30	42	1751		198
	7D2	05	08	35	11	2021		198
	7D3	05	08	40	06	2315		84
	8AE	05	09	43	52	818		39
	8D	05	10	01	58	1904		262
	9D	05	11	32	16	1999		72
	16D	05	21	59	22	2421		29

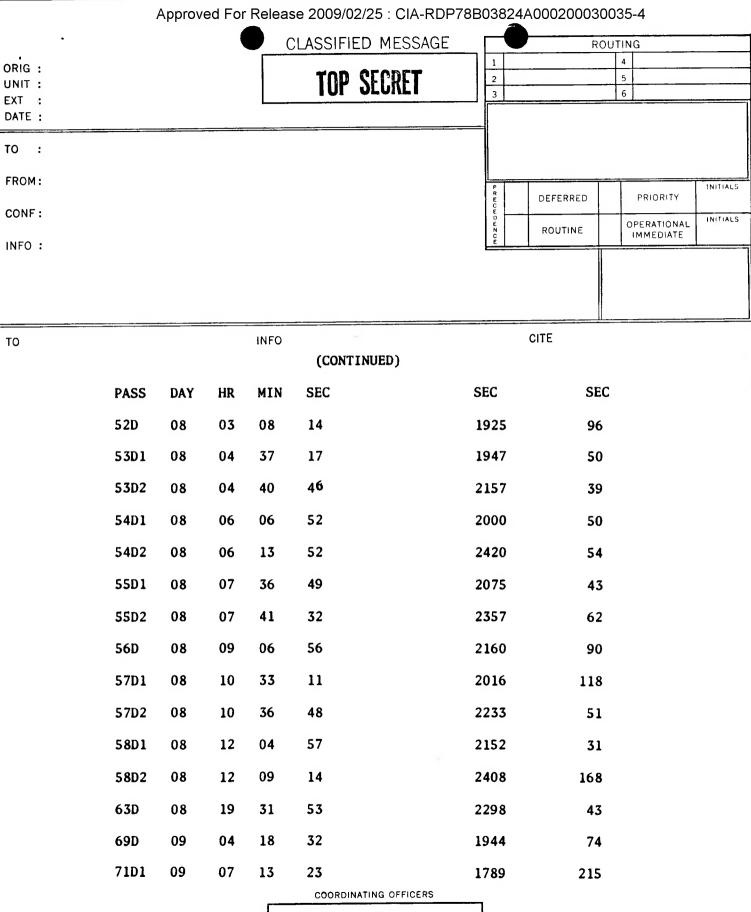
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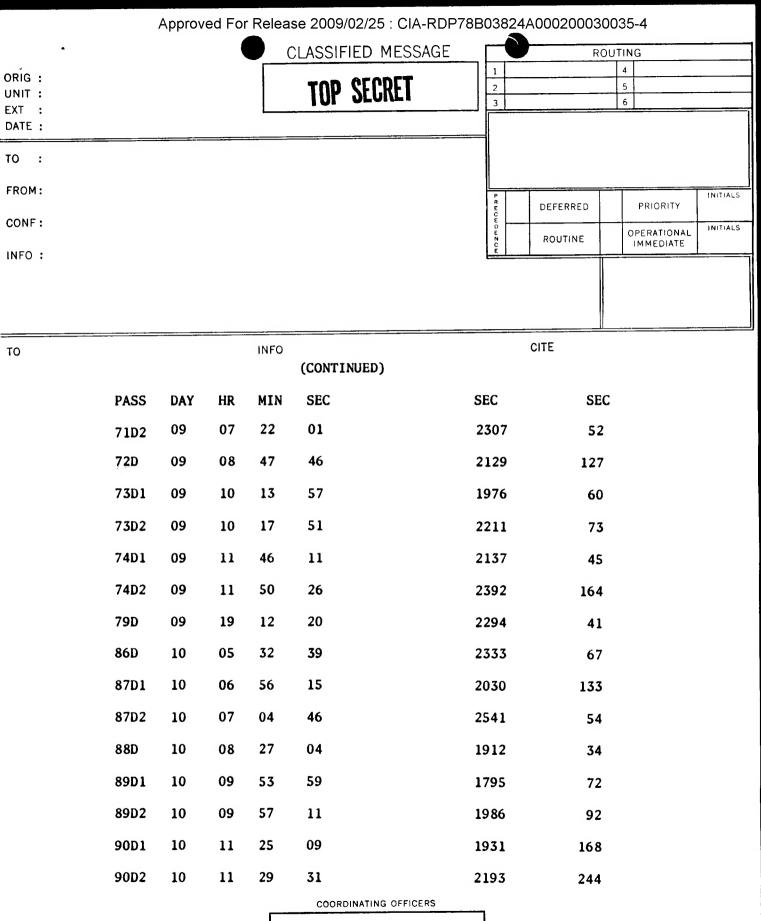
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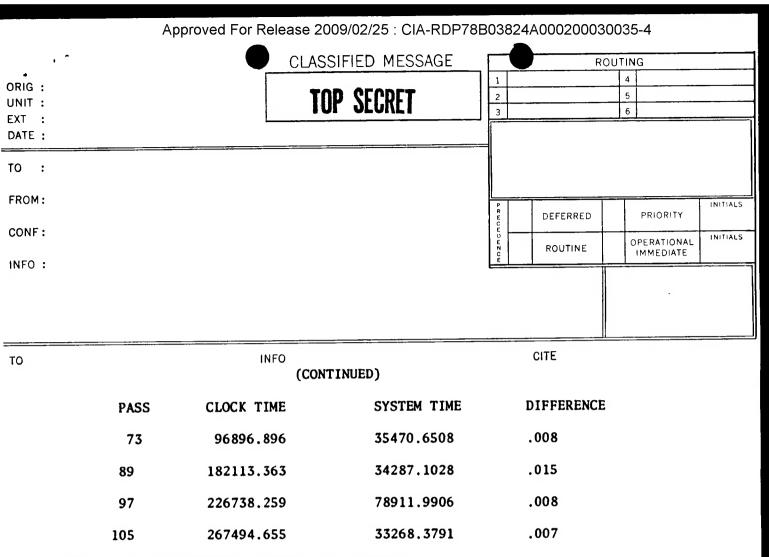
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Approved For Release 2009/02/25: CIA-RDP78B03824A000200030035-4 CLASSIFIED MESSAGE ROUTING ORIG: TOP SECRET UNIT: 6 3 EXT: DATE: TO : FROM: INITIALS DEFERRED PRIORITY CONF: INITIALS **OPERATIONAL** ROUTINE IMMEDIATE INFO: CITE INFO TO (CONTINUED) SEC SEC **PASS** DAY HR MIN SEC 17 1947 90 10 12 54 91D 25 21 52 09 2230 97DFWD 10 21 49 44 2086 25 97DAFT 10 2017 66 05 12 39 102D1 11 57 05 15 19 2177 102D2 11 09 39 01 2060 136 105D 11 1924 227 05 33 106D 11 11 8. TIME CORRELATION (MILLISECONDS) **PASS** CLOCK TIME SYSTEM TIME **DIFFERENCE** 8 287489.674 34792.5712 16 331987.028 79289.9188 .006 32 417184.857 78087.7351 .013 48 502247.976 76750.8407 .013 57 11636.393 36610.1622 .006 63 45197.916 70171.6792 .006 COORDINATING OFFICERS

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NOTE: ALL "DIFFERENCE" VALUES ARE POSITIVE

#### **END OF MESSAGE**



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